

LISTING OF CLAIMS

1. (Currently Amended) A method comprising:

integrating external business application information into an internal business application,

wherein

the integrating is performed by an integration system communicatively coupled to

the internal business application and the external business application,

the integrating comprises

receiving a request from the internal business application, wherein

~~providing information relating to an external business application in a server system,~~

~~comprising receiving a request from an internal business application, wherein~~

the request comprises

an execute element, and

an argument element,

the execute element is configured to cause the external business

application to execute a command of the external business

application, and

the argument element comprises an indication of one or more user

interface elements that are to be returned[[;]] ,

sending the request to the external business application via the integration

system,

in response to the request, receiving a response from the external business

application at the integration system, wherein

the response comprises

~~generating~~ a data element ~~by causing~~ , wherein

the data element is generated as a first result of the

external business application ~~to execute~~ executing

the command[[;]] , and

~~generating~~ the one or more user interface elements, wherein

the one or more user interface elements are generated

as a second result of the external business

application executing the command,

the one or more user interface elements correspond to a
subset of user interface elements provided by the
external business application, and
the subset of user interface elements is selected according
to the argument element~~[[;]]~~ , and

sending the external business application information to the internal business
application via the integration system, wherein
the external business application comprises
the data element, and
the one or more user interface elements.

~~sending a response to the internal business application, comprising the one or more
user interface elements and the data element.~~

2. (Previously Presented) The method of claim 1 wherein the argument element indicates a type of user interface elements to return.
3. (Previously Presented) The method of claim 1 wherein the argument element indicates which type of user interface elements to not return.
4. (Previously Presented) The method of claim 3 wherein the type of user interface elements not to return is navigation data.
5. (Currently Amended) The method of claim 1 wherein
the integrating further comprises causing the internal business application to
display the external business application information.
~~the argument element further comprises an “SWEDataOnly” argument.~~
6. (Currently Amended) The method of claim 1 wherein
the integrating further comprises causing the internal business application to
override the final format of the external business application information.
~~the argument element further comprises an “SWEApplet” argument.~~

7. (Currently Amended) The method of claim 1 further comprising:
receiving a list of predefined queries in response to the request, wherein
the list of predefined queries comprises ~~[[the]]~~ a predefined query.

8. (Currently Amended) A method in a server system ~~for providing information relating to a business application, the method~~ comprising:
integrating external business application information into an internal business application,
wherein
the integrating is performed by an integration system communicatively coupled to
the internal business application and the external business application,
providing the internal business application provides transforms to the integration
system for transforming output of the external business application, each
transform of the transforms having a name~~[[;]]~~ ,
the integrating comprises
receiving a request from ~~[[an]]~~ the internal business application, wherein
the request comprises
an execute element, and
an argument element,
the execute element is configured to cause the external business
application to execute a command of the external business
application,
the argument element comprises an indication of one or more user
interface elements that are to be returned, and
the argument element optionally indicates the name of a transform to be
applied to the output of the external business application;
sending the request to the external business application via the integration
system,
in response to the request, receiving a response from the external business
application at the integration system, wherein
the response comprises
generating a data element ~~by causing~~ , wherein

the data element is generated as a first result of the external
business application ~~to execute~~ executing the
command[[;]] ,
~~generating~~ the one or more user interface elements, wherein
the one or more user interface elements are generated as a
second result of the external business application
executing the command,
the one or more user interface elements correspond to a subset of
user interface elements provided by the external business
application, and
the subset of user interface elements is selected according to the
argument element[[;]] ,
generating a generated output comprising the data element and the one or
more user interface elements[[;]] ,
sending the external business application information to the internal business
application via the integration system, wherein
when the argument element indicates the name of the transform,
generating a transformed output by applying the transform to the
generated output, and
the external business application information comprises the
transformed output,
~~sending the transformed output to the internal business~~
~~application;~~ and
otherwise,
the external business application information comprises the
generated output
~~sending the generated output to the internal business~~
~~application.~~

9. (Canceled)

10. (Previously Presented) The method of claim 8 wherein the request comprises an “SWESheet” argument.

11. (Currently Amended) A method ~~in a server system for providing information relating to a business application, the method~~ comprising:
integrating external business application information into an internal business application, wherein
the integrating is performed by an integration system communicatively coupled to the internal business application and the external business application,
providing the internal business application provides a default format to the integration system for output of the external business application[[:]] ,
the integrating comprises
receiving a request from [[an]] the internal business application, wherein
the request comprises
an execute element, and
an argument element,
the execute element is configured to cause the external business application to execute a command of the external business application,
the argument element comprises an indication of one or more user interface elements that are to be returned, and
the argument element optionally indicates a user agent format or a client-specified format for the output of the external business application[[:]] ,
~~selecting a format giving preference in the following order: the client-specified format, the user agent format, and the default format;~~
sending the request to the external business application via the integration system,
in response to the request, receiving a response from the external business application at the integration system, wherein
the response comprises
generating a data element by causing , wherein

the data element is generated as a first result of the external
business application ~~to execute~~ executing the
command[[;]] ,
~~generating~~ the one or more user interface elements, wherein
the one or more user interface elements are generated as a
second result of the external business application
executing the command,
the one or more user interface elements correspond to a subset of
user interface elements provided by the external business
application, and
the subset of user interface elements is selected according to the
argument element[[;]] , and
sending the external business application information to the internal business
application via the integration system, wherein
the external business application information comprises the response,
the response is formatted according to a format,
the format is selected giving preference to the following order (1) the
client-specified format, (2) the user-agent format, and (3) the
default format.
~~sending a response in the selected format to the internal business application,~~
~~comprising the data element and the one or more user interface~~
~~elements.~~

12. (Original) The method of claim 11 wherein the user-agent format is selected over the default format in accordance with a predefined preference of formats.

13. (Original) The method of claim 11 wherein the user-agent format is based on type of user agent specified in the request.

14. (Original) The method of claim 13 wherein the type of user agent specifies a type of browser.

15. (Original) The method of claim 11 wherein the formats are a markup language.
16. (Original) The method of claim 15 wherein one of the formats is HTML.
17. (Original) The method of claim 15 wherein one of the formats is XML.
18. (Original) The method of claim 15 wherein one of the formats is WML.
19. (Previously Presented) The method of claim 11 wherein the request comprises an “SWESetMarkup” argument that specifies the client-specified format.
20. (Currently Amended) A computer-readable storage medium storing computer instructions that when executed cause a computer to perform a method comprising:
integrating external business application information into an internal business application,
wherein
the integrating is performed by an integration system communicatively coupled to
the internal business application and the external business application,
the internal business application provides transforms to the integration system for
transforming output of the external business application, each transform
having a name,
the integrating comprises
receiving a request from the internal business application, wherein
the request comprises
an execute element, and
an argument element,
the execute element is configured to cause the external business
application to execute a command of the external business
application,
the argument element comprises an indication of one or more user
interface elements that are to be returned, and
the argument element optionally indicates the name of a transform to
be applied to the output of the external business application;

sending the request to the external business application via the integration system,
in response to the request, receiving a response from the external business application at the integration system, wherein
the response comprises
a data element, wherein
the data element is generated as a first result of the external business application executing the command,
the one or more user interface elements, wherein
the one or more user interface elements are generated as a second result of the external business application executing the command,
the one or more user interface elements correspond to a subset of user interface elements provided by the external business application, and
the subset of user interface elements is selected according to the argument element,
generating a generated output comprising the data element and the one or more user interface elements,
sending the external business application information to the internal business application via the integration system, wherein
when the argument element indicates the name of the transform,
generating a transformed output by applying the transform to the generated output, and
the external business application information comprises the transformed output, and
otherwise,
the external business application information comprises the generated output.

~~first instructions, executable on a first computer system, configured to execute a first command of a first business application, wherein~~
~~the first command is represented by a first command block;~~

~~second instructions, executable on a second computer system, configured to execute~~
~~a second command of a second business application, wherein~~
~~the second command is represented by a second command block; and~~
~~a common data structure defining the first command block and the second~~
~~command block, wherein~~
~~the first command block and the second command block are inbound to a~~
~~web server, and~~
~~the common data structure comprises~~
~~an execute element having a path attribute indicating a location of an~~
~~object manager,~~
~~a command element nested within the execute element comprising a~~
~~value attribute indicating a name of a command, and~~
~~one or more argument elements nested within the command element,~~
~~wherein~~
~~each argument element comprises a name attribute indicating~~
~~a name of an argument for the command,~~
~~the one or more argument elements being from a set of~~
~~argument elements comprising an argument element~~
~~configured to indicate a response markup format,~~
~~an argument element configured to~~
~~indicate whether the response should include user~~
~~interface elements,~~
~~select, when the argument element indicates the~~
~~response should not comprise user interface~~
~~elements, an empty set of user interface~~
~~elements,~~
~~select, when the argument element indicates the~~
~~response should comprise user interface~~
~~elements, a subset of user interface elements~~
~~according to the argument element, and~~
~~identify a transform to be applied to output.~~

21. (Canceled)

22. **(Currently Amended)** The computer-readable storage medium of claim 20 wherein zero or more occurrences of **[[the]] a** command element are nested within the execute element.

23. (Previously Presented) The computer-readable storage medium of claim 20 wherein only one command element is nested within the execute element.

24. **(Currently Amended)** A computer-readable storage medium **containing storing computer instructions that when executed cause a computer to perform a method comprising:**

integrating external business application information into an internal business application, wherein

the integrating is performed by an integration system communicatively

coupled to the internal business application and the external business application,

the integrating comprises

receiving a request from the internal business application, wherein

the request comprises

an execute element, and

an argument element,

the execute element is configured to cause the external business

application to execute a command of the external

business application, and

the argument element comprises an indication of one or more

user interface elements that are to be returned,

sending the request to the external business application via the

integration system,

in response to the request, receiving a response from the external

business application at the integration system, wherein

the response comprises

a data element, wherein

the data element is generated as a first result of
the external business application
executing the command, and
the one or more user interface elements, wherein
the one or more user interface elements are
generated as a second result of the
external business application executing
the command,
the one or more user interface elements
correspond to a subset of user interface
elements provided by the external
business application, and
the subset of user interface elements is selected
according to the argument element, and
sending the external business application information to the internal
business application via the integration system, wherein
the external business application comprises some or all of the
response to the request.

~~first instructions, executable on a first computer system, configured to execute a~~
~~first command of a first business application, wherein~~
~~the first command is represented by a first command block;~~
~~second instructions, executable on a second computer system, configured to execute~~
~~a second command of a second business application, wherein~~
~~the second command is represented by a second command block; and~~
~~a common data structure defining the first command block and the second~~
~~command block, wherein~~
~~the first command block and the second command block are outbound to a~~
~~web server,~~
~~the common data structure comprises~~
~~an application element having a name attribute,~~
~~a navigation element nested within the application element, having a~~
~~name attribute, and having sub-elements from a set comprising~~

~~a menu element, tool bar element, screen bar element, thread bar element, view bar element, and page item element, a predefined query bar element nested within the application element and each having a name attribute, one or more elements from the set of elements comprising a screen element, an applet element, an argument element configured to indicate whether the response should include user interface elements, and a form element, the one or more elements being nested within the application element and each having a name attribute, and an argument element, indicating a subset of one or more user interface elements.~~

25. (Currently Amended) A method ~~in a server system for providing information relating to a business application, the method~~ comprising:
integrating external business application information into an internal business application,
wherein
the integrating is performed by an integration system communicatively coupled to
the internal business application and the external business application,
the integrating comprises
 receiving a request from ~~[[an]]~~ the internal business application, wherein
 the request comprises
 an execute element, and
 an argument element,
 the execute element is configured to cause the external business
 application to execute a command of the external business
 application,
 the argument element comprises an indication of one or more user
 interface elements that are to be returned~~[[;]]~~ ,
sending the request to the external business application via the integration
system,

in response to the request, receiving a response from the external business

application at the integration system, wherein

the response comprises

generating a data element by causing , wherein

the data element is generated as a first result of the external

business application ~~to execute~~ executing the

command[[;]] , and

when the argument element indicates to return the one ore more user interface elements,

generating the one or more user interface elements, wherein

the one or more user interface elements correspond to a

subset of user interface elements provided by the

external business application, and

the subset of user interface elements is selected according

to the argument element[[;]] , and

sending the external business application information to the internal business

application via the integration system, wherein

the external business application information comprises the data

element,

when the argument element indicates to return the one ore more user

interface elements, the external business application

information comprises the one or more user interface elements,

and

~~sending a first response to the client system, wherein the first response~~

~~comprises the one or more user interface elements and the data~~

~~element; and~~

otherwise, ~~sending a second response to the client system, wherein the~~

~~second response comprises the data element and the second~~

~~response~~ the external business application information does not

include the one or more user interface elements.

26. (Original) The method of claim 25 wherein the request indicates a type of user interface element to return.
27. (Original) The method of claim 25 wherein the request indicates a type of user interface element to not return.
28. (Original) The method of claim 27 wherein the type of user interface element not to return is navigation data.
29. (Previously Presented) The method of claim 25 wherein the request comprises an “SWEDataOnly” argument.
30. (Previously Presented) The method of claim 25 wherein the request comprises an “SWEApplet” argument.
31. **(Currently Amended)** The method of claim 25 further comprising:
receiving a list of predefined queries in response to the request, wherein
the list of predefined queries comprises ~~[[the]]~~ **a** predefined query.